Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

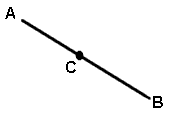
**2.5 Midpoint of a Segment Practice/Homework**

Directions: Use the diagram below to answer each question.

1. The length of AC = 2x – 1 and the length of CB = 4x – 7. Find the lengths of AC, CB, and AB.
2. The length of AB = 28 and the length of AC = x + 5. Find the length of AC and the length of BC.
3. and are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because they

are they can occupy the same space. AC = CB because they have

the same \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



C is the midpoint of